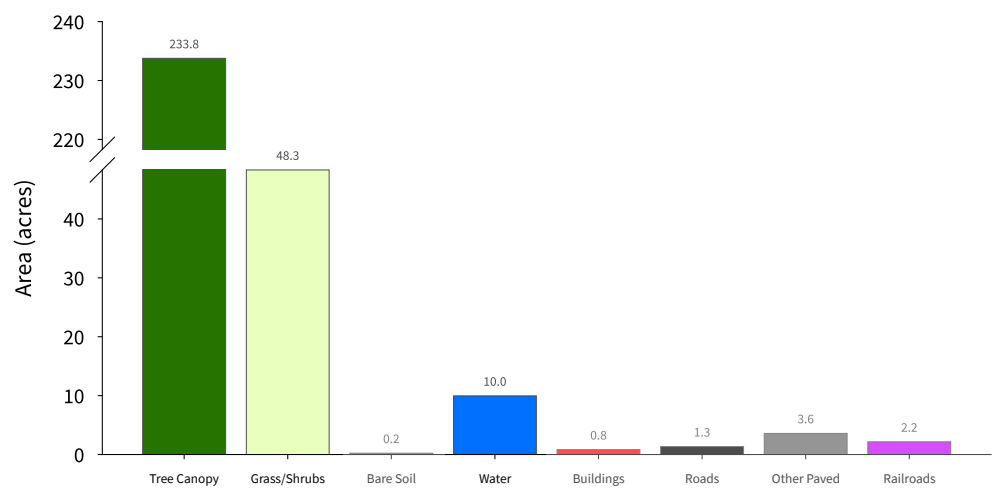


Emerald
Waterbody + Tributary 100ft Buffer
300 acres
(Base Land Cover Shown)

External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

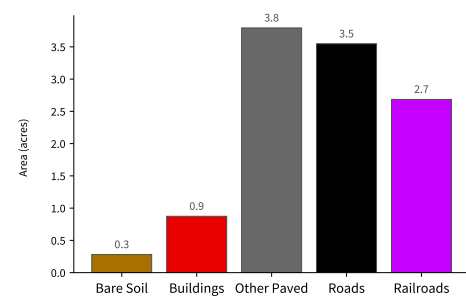
High-Resolution Land Cover Summary

Base Land Cover (Top-Down*)

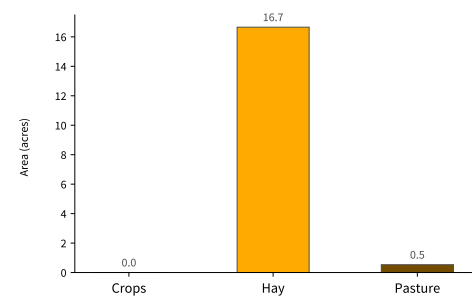


Supplemental Land Cover

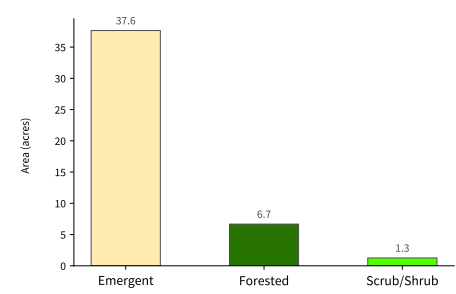
Impervious Surfaces (11.18 acres - 3.7 % of total) (Bottom-Up**)



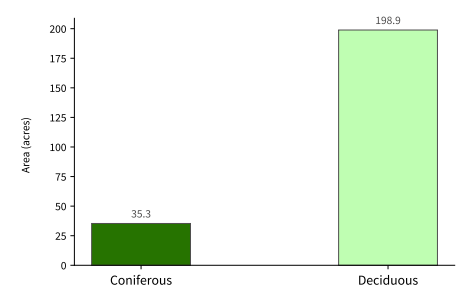
Agriculture (17.19 acres - 5.7 % of total)



Wetlands (45.59 acres - 15.2 % of total)



Tree Canopy (234.17 acres - 78.1 % of total)

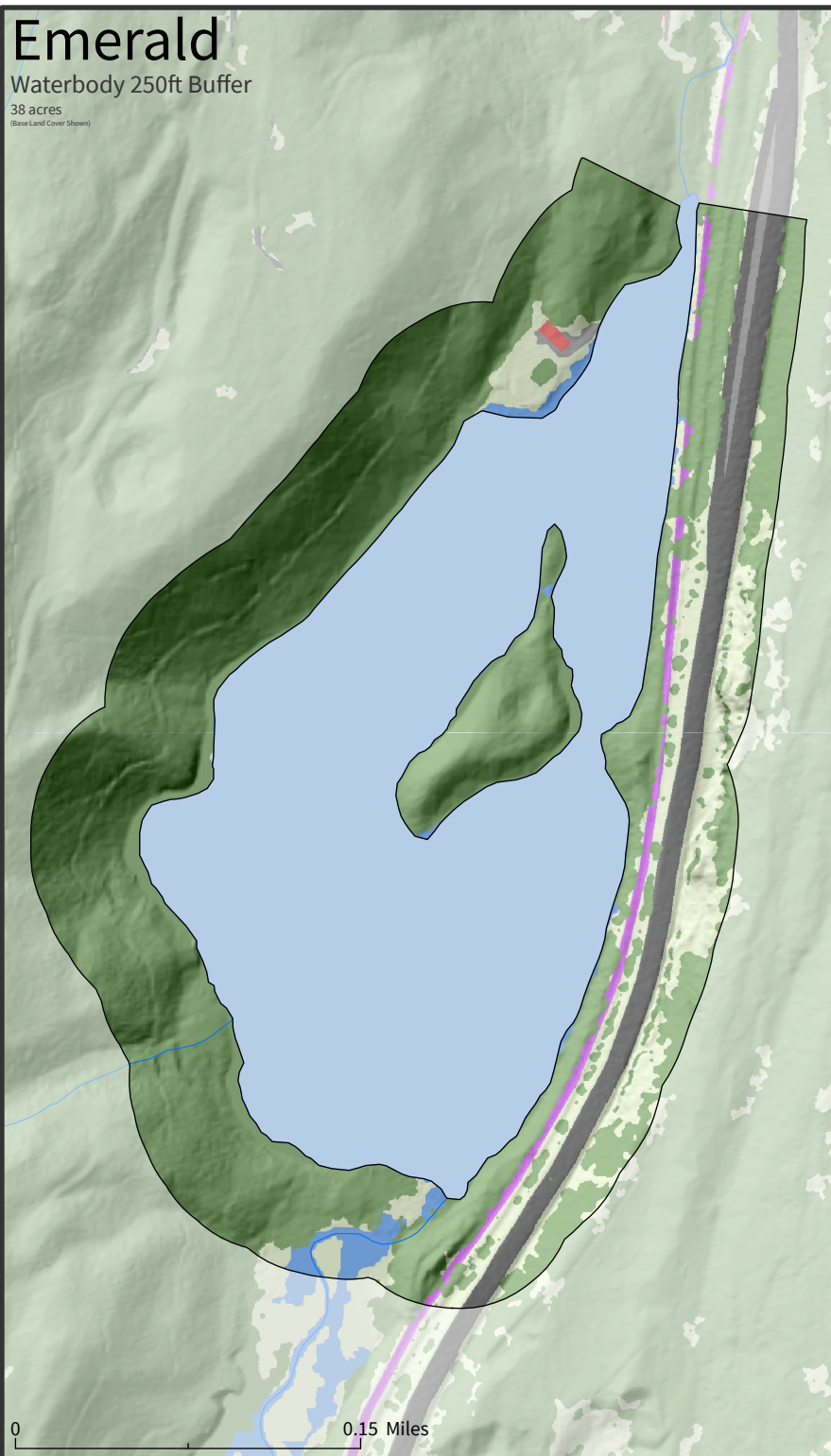


*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.
**Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/observed by other features.
See UWM SAL High-Resolution Land Cover 2022 Report for more detail.

Emerald

Waterbody 250ft Buffer

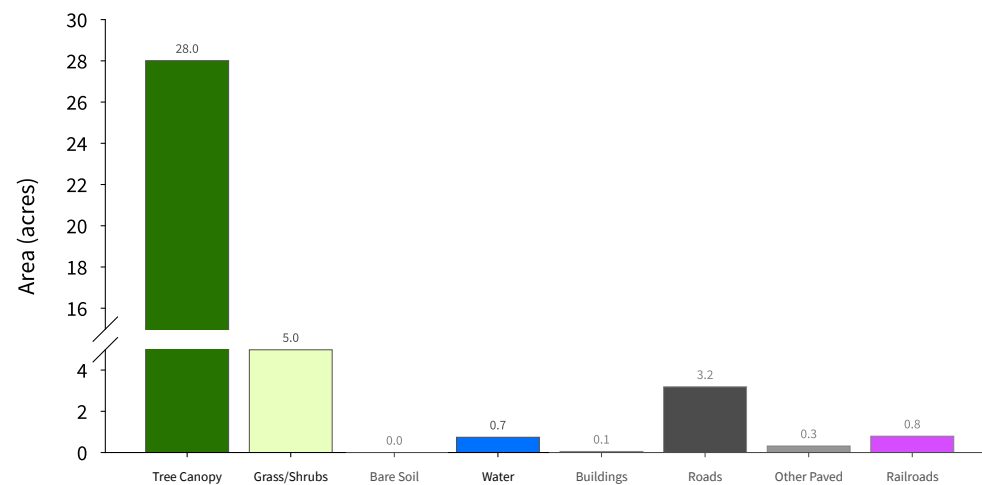
38 acres
(Base Land Cover Shown)



External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

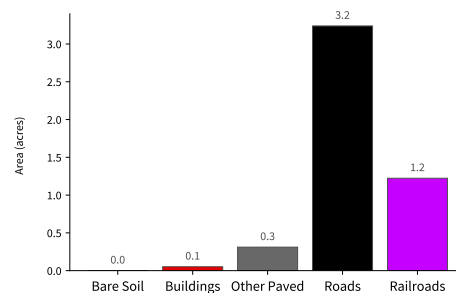
High-Resolution Land Cover Summary

Base Land Cover (Top-Down*)



Supplemental Land Cover

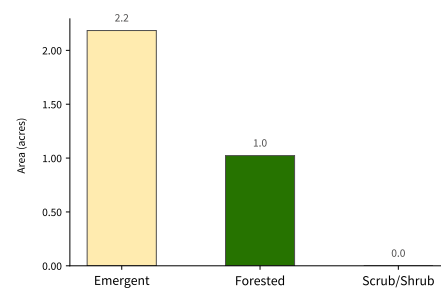
Impervious Surfaces (4.82 acres - 12.7 % of total) (Bottom-Up**)



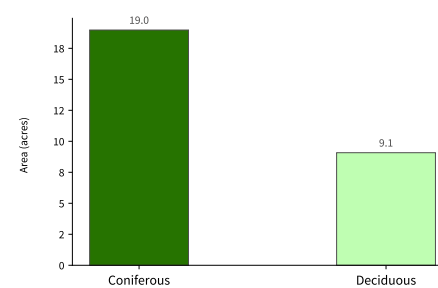
Agriculture (0 acres - 0 % of total)

No Agricultural Land Cover Mapped in this Area

Wetlands (3.21 acres - 8.4 % of total)



Tree Canopy (28.05 acres - 73.8 % of total)



*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.

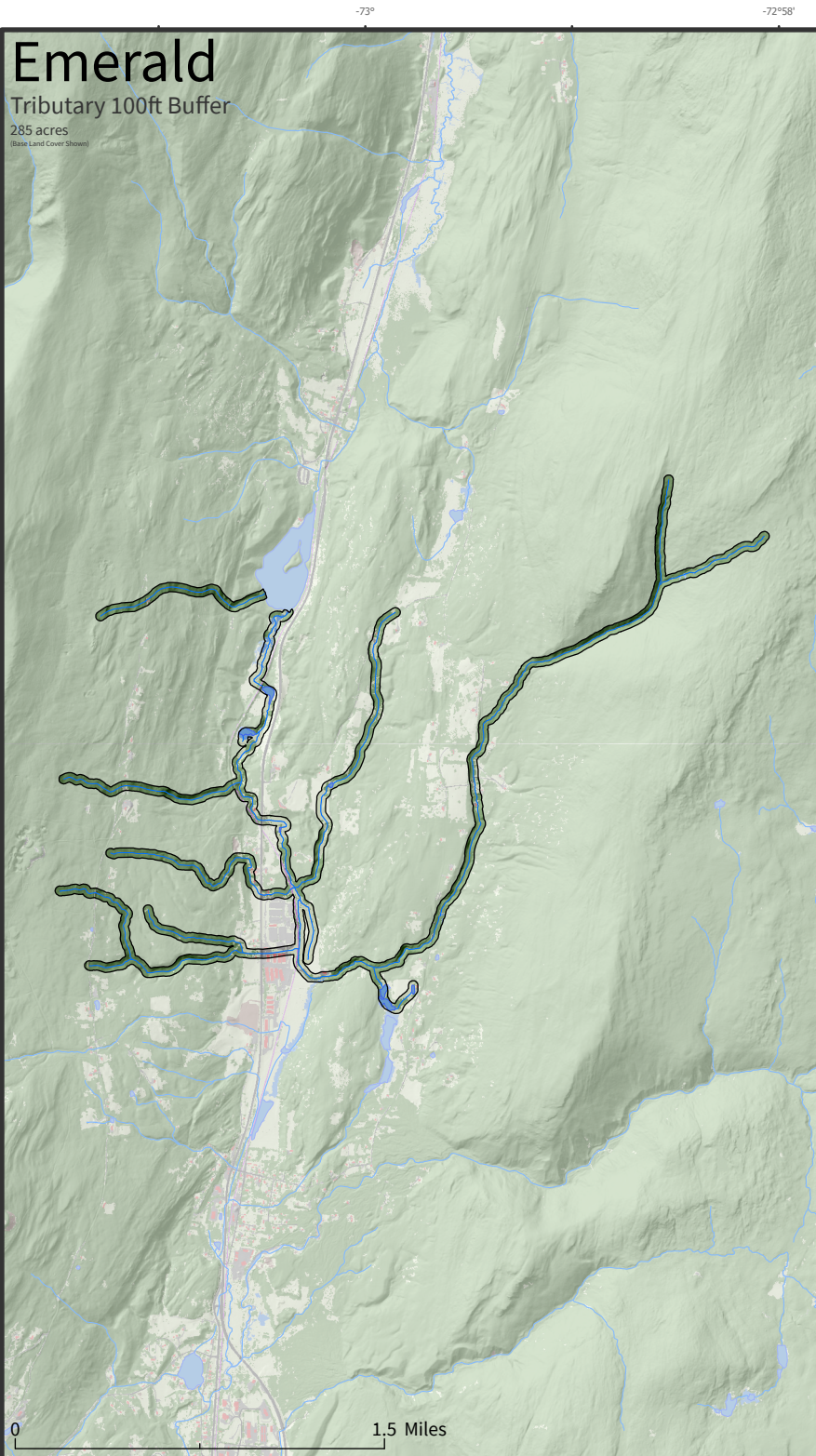
**Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features.

See UWM SAL High-Resolution Land Cover 2022 Report for more detail.

Emerald

Tributary 100ft Buffer

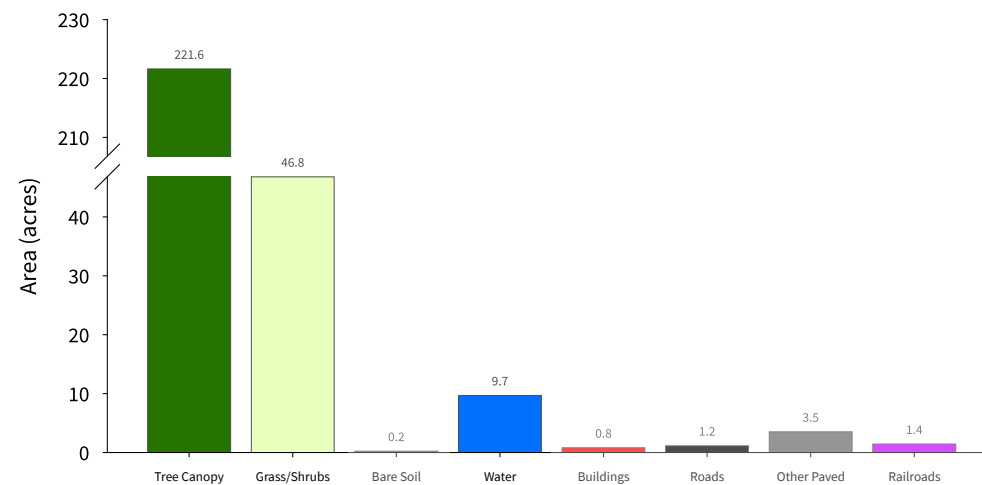
285 acres
(Base Land Cover Shown)



External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

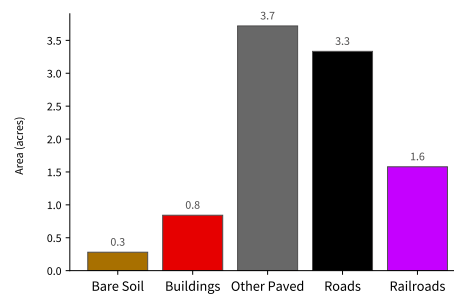
High-Resolution Land Cover Summary

Base Land Cover (Top-Down*)

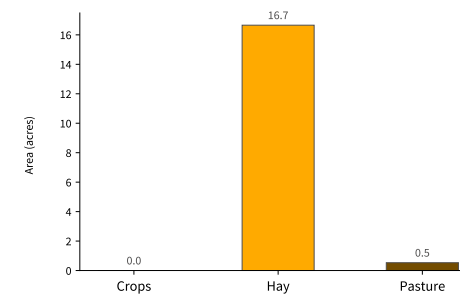


Supplemental Land Cover

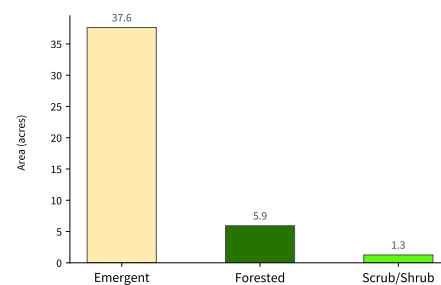
Impervious Surfaces (9.75 acres - 3.4 % of total) (Bottom-Up**)



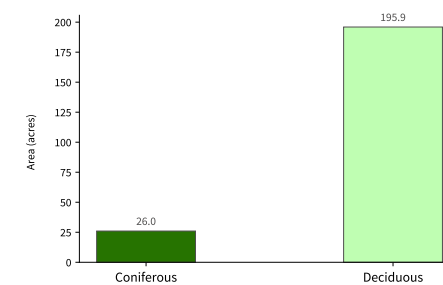
Agriculture (17.19 acres - 6 % of total)



Wetlands (44.8 acres - 15.7 % of total)



Tree Canopy (221.98 acres - 77.9 % of total)



*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.

**Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/observed by other features.

See UWM SAL High-Resolution Land Cover 2022 Report for more detail.

Emerald

Waterbody 100ft Buffer

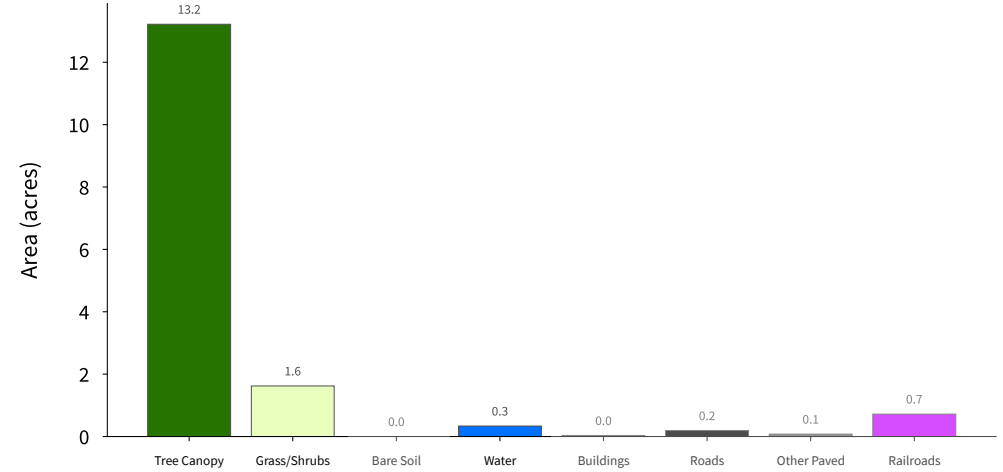
16 acres
(Base Land Cover Shown)



External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

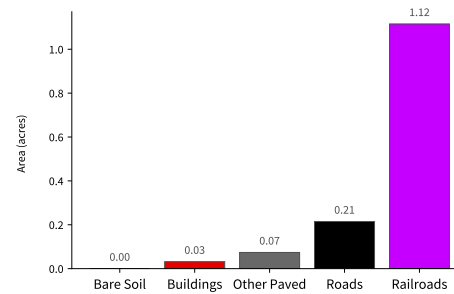
High-Resolution Land Cover Summary

Base Land Cover (Top-Down*)



Supplemental Land Cover

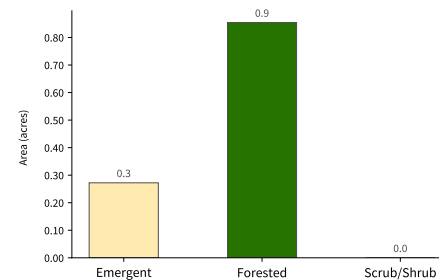
Impervious Surfaces (1.44 acres - 9 % of total) (Bottom-Up**)



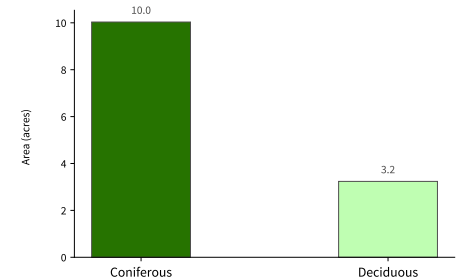
Agriculture (0 acres - 0 % of total)

No Agricultural Land Cover Mapped in this Area

Wetlands (1.13 acres - 7 % of total)



Tree Canopy (13.27 acres - 82.9 % of total)



*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.

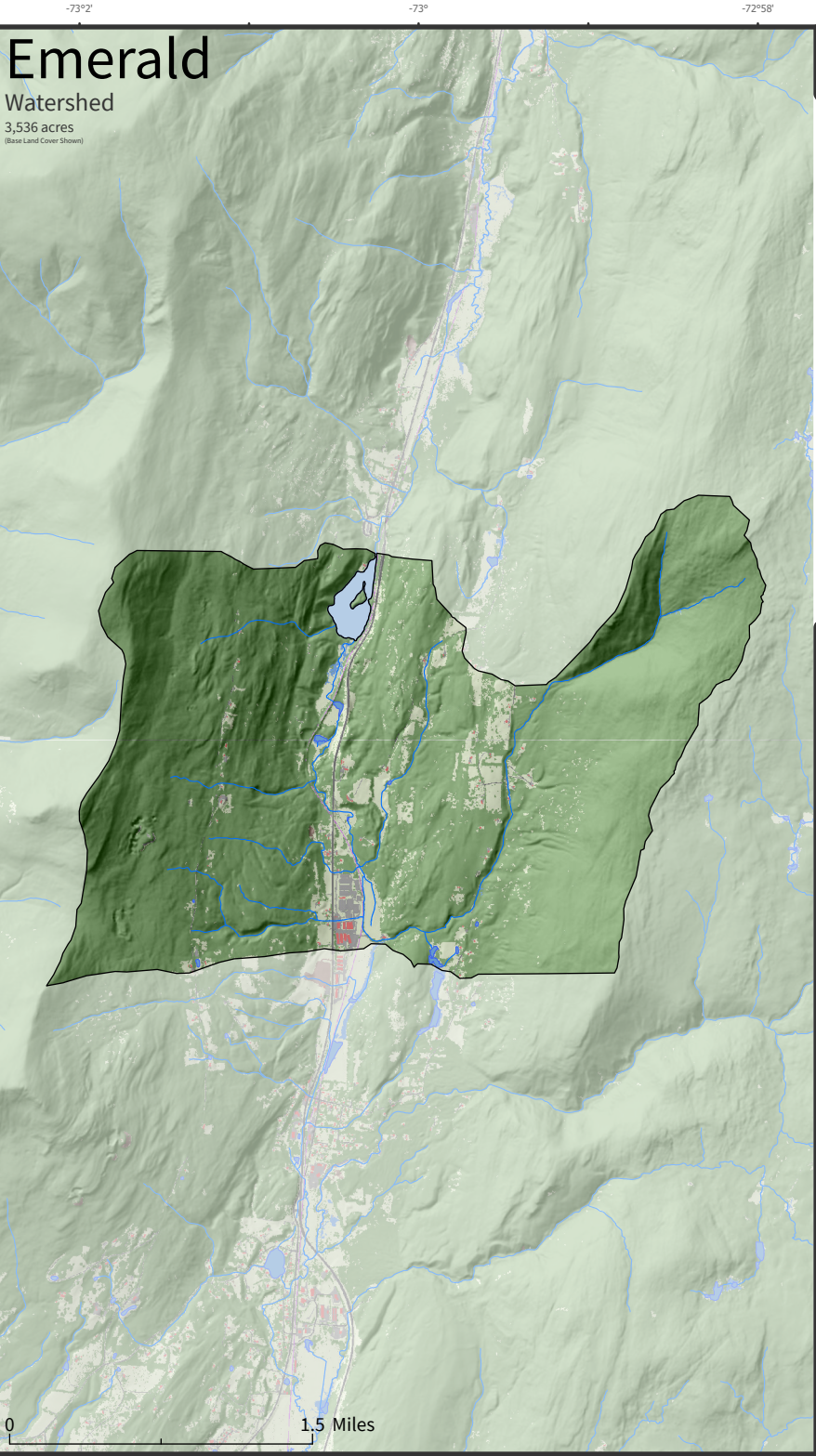
**Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features.

See UWM SAL High-Resolution Land Cover 2025 Report for more detail.

Emerald

Watershed

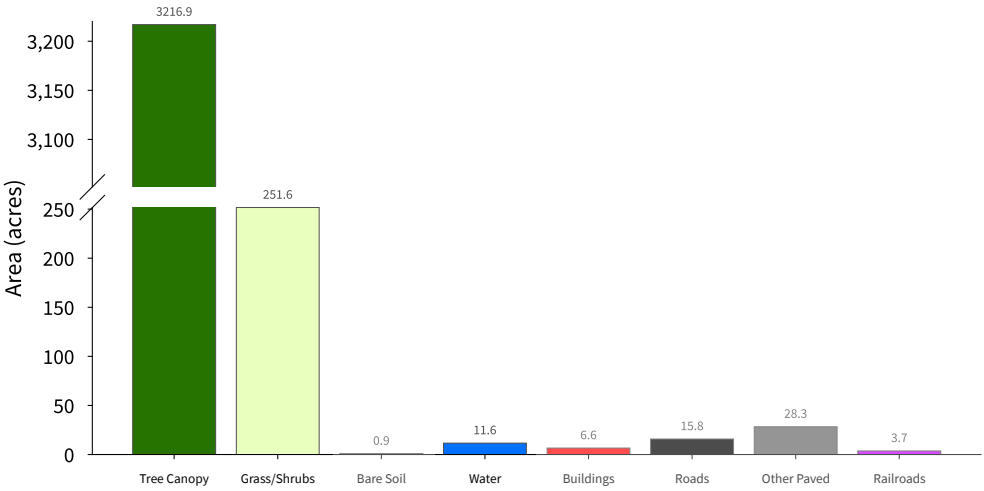
3,536 acres
(Base Land Cover Shown)



External Data Sources: UWM SAL High-Resolution (0.5m) Land Cover Dataset, VCGI Vermont State LIDAR, National Hydrography Dataset

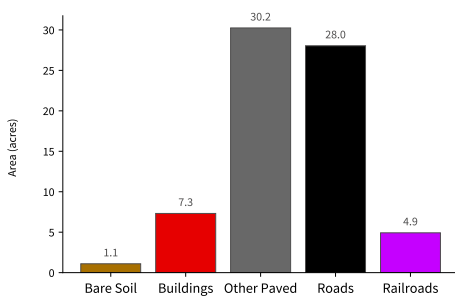
High-Resolution Land Cover Summary

Base Land Cover (Top-Down*)

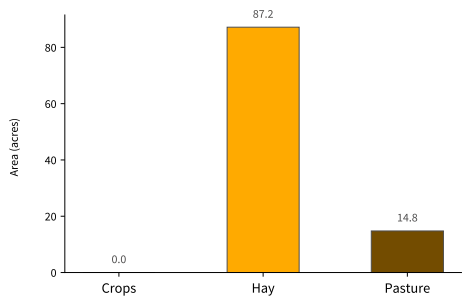


Supplemental Land Cover

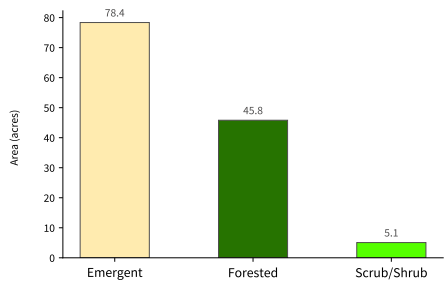
Impervious Surfaces (71.62 acres - 2 % of total) (Bottom-Up**)



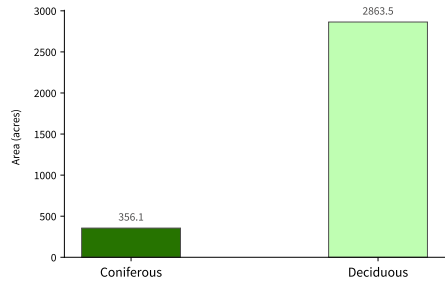
Agriculture (101.95 acres - 2.9 % of total)



Wetlands (129.24 acres - 3.7 % of total)



Tree Canopy (3,219.57 acres - 91.1 % of total)



*Top-Down: A traditional land cover mapping approach - land cover is mapped as the uppermost land cover class.
**Bottom-Up: A new land cover mapping approach - land cover is mapped as the lowermost land cover class. This approach results in improved mapping of features overlapped/obscured by other features.
See UWM SAL High-Resolution Land Cover 2022 Report for more detail.